

DO NOT ENTER

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## **Amendments to the Specifications**

Please replace the title of the invention from "Methods for Genotype Screening" to "A Method for Reporting Genotype Screening Results"

Please replace paragraph [0008] with the following amended paragraph:

**[0008]** In an alternative technology, up to thirty PCR (polymerase chain reaction) can be conducted in an Eppendorf<sup>®</sup> microtube (Brinkmann Instruments, Westbury, NY) and separated on a gel. This process in most laboratories requires 3 to 7 days. A need exists in the industry to provide a system and method for more accurate, faster and high volume genotype screening.

Please replace paragraph [00105] with the following amended paragraph:

**[00105]** LIMS 24 is the generic name for laboratory information management system software. The function of LIMS 24 is to be a repository for data, to control automation of a laboratory, to track samples, to chart work flow, and to provide electronic data capture. LIMS 24 can also, in another embodiment, be in direct communication with the remote user 1 via an electronic communications link 7. Any standard laboratory information management system software can configured to be used to provide these functions. Alternatively, a standard relational database management system such as Oracle<sup>®</sup> (Oracle Corp., Redwood Shores, CA) or SQL Server (Microsoft Corp., Redmond, WA) either alone or in combination with a standard LIMS system can be used. In the preferred embodiment, the Nautilus<sup>®</sup> program (Thermo LabSystems, a business of Thermo Electron Corporation, Beverly, MA) is used.

Please replace paragraph [00134] with the following amended paragraph:

**[00134]** A biological sample can be collected in a variety of ways to facilitate rapid screening. In one aspect of the invention, the biological sample is a sample of tissue such as from a mouse biopsy. The sample of tissue can include a portion of a tail, toes and ears. The tissue sample is collected by a remote user 1 and placed in a well of a source well container 2. The microwell container is transported to the screening